

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L15	1	(US-4975225-\$).did.	USPAT	OR	ON	2006/04/14 12:35
L16	0	L15 and (turbine airfoil)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 12:35
L21	1	("5738818").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 12:46
L22	0	L21 and (machin\$4 grind\$4 sand\$4 sandblast\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 12:47
L23	2	("6350404" "4975225").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 13:31
L24	1	L23 and (turbine airfoil)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 13:44
L25	1	("10423528")	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 13:44
S1	24	((("4643636") or ("4790721") or ("4907946") or ("4975225") or ("5027604") or ("5306554") or ("5314309") or ("5331816") or ("5382453") or ("5484258") or ("5605046") or ("5636508") or ("5640767") or ("5720597") or ("5791879") or ("5824250") or ("5962076") or ("6013592") or ("6174565") or ("6197424") or ("6287511") or ("6325593") or ("6365281") or ("6626230"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/12 16:41
S2	0	(2002/0053758)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/11 16:23
S3	1	("20020053758")	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/11 16:24
S4	1	("6616885").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/11 16:39
S5	1	(10/485275)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/11 16:43
S6	1	("4563145").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/11 16:46

EAST Search History

S7	1	(US-4563145-\$).did.	USPAT	OR	ON	2006/04/11 16:46
S9	9	("6197424" "5962076" "6013592" "5824250" "5791879" "5720597" "6626230" "6325593" "6287511").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 09:05
S10	24	((("4643636") or ("4790721") or ("4907946") or ("4975225") or ("5027604") or ("5306554") or ("5314309") or ("5331816") or ("5382453") or ("5484258") or ("5605046") or ("5636508") or ("5640767") or ("5720597") or ("5791879") or ("5824250") or ("5962076") or ("6013592") or ("6174565") or ("6197424") or ("6287511") or ("6325593") or ("6365281") or ("6626230"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/12 08:26
S11	24	S10	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 08:38
S12	1	(US-4975225-\$).did.	USPAT	OR	ON	2006/04/12 08:38
S13	1	S12 and (vibra\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 08:38
S14	10	("6197424" "5962076" "6013592" "5824250" "5791879" "5720597" "6626230" "6325593" "6287511" "4975225").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 09:06

EAST Search History

S15	174	("2775426" "2793412" "3053694" "3318388" "3325881" "3512571" "3695778" "3819295" "3848040" "3888691" "3903578" "3907949" "3975165" "4006999" "4066116" "4118147" "4177308" "4213495" "4247249" "4269903" "4289449" "4324843" "4341725" "4374173" "4405284" "4423097" "4437810" "4440865" "4450184" "4470862" "4521496" "4575330" "4594761" "4617977" "4639388" "4665492" "4690763" "4704332" "4705455" "4732541" "4767261" "4867639" "4935277" "4995788" "5016702" "5022824" "5064727" "5102299" "5129787" "5134569" "5167885" "5204289" "5222297" "5240376" "5248242" "5252526" "5271715" "5277241" "5288207" "5292231" "5295530" "5296308" "5298204" "5320909" "5340280" "5355668" "5434210" "5439353" "5439622" "5465780" "5472315" "5486096" "5503218" "5507336" "5516260" "5546313" "5630700" "5634771" "5641014" "5655883" "5667359" "5688728" "5705266" "5720431" "5780146" "5820774" "5931638" "5962076" "6077036" "6102658" "6126397" "6129515" "6186217").PN. OR ("4975225" "5720597" "5791879" "5824250" "5962076" "6013592" "6197424" "6287511" "6325593" "6626230").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 09:07
S16	105	S15 and (ceramic)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 09:07
S17	101	S16 and (method mold\$3 process)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 09:26
S18	1	(US-6733907-\$).did.	USPAT	OR	ON	2006/04/12 09:26
S19	1	S18 and fugitive	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 09:26

EAST Search History

S20	13	("4067662" "4376004" "4384607" "4579705" "4783297" "4820128" "4975225" "5178519" "5536145" "5679270" "5820774" "6120713" "H000048").PN. OR ("6350404").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 11:03
S21	2	("2765512").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 11:08
S22	10	((("5296308") or ("5394932") or ("4556528") or ("5252273") or ("4894194") or ("5028362") or ("5145908") or ("5476622") or ("5401445") or ("5419860"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/12 11:09
S23	10	S22 and (ceramic mold\$3 cast\$3 core fugitive method process)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 11:10
S24	2332	((264/162,317,635,636)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/12 12:45
S25	430	S24 and (ceramic)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 12:45
S26	33	S25 and (cast\$3 mold\$3) and (turbine airfoil) and (wax foam fugitive core hollow annular) and (machin\$3 grind\$3 sand\$3 surface)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 11:53
S27	21	("4120731" "4141948" "4148894" "4220455" "4238433" "4240835" "4242106" "4247304" "4353953" "4626516" "4889686" "4944904" "5205970" "5296311" "5840221" "5985186" "6110527" "6280550").PN. OR ("6503441").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 13:05
S28	1	("5738818").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 13:32
S29	1133	(264/162).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 13:32
S30	127	S29 and (ceramic)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 13:32
S31	95	S30 and (cast\$3 mold\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 15:29

EAST Search History

S32	56	S30 and (cast\$3 mold\$3) and (core hollow mandrel annular wax foam)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 13:50
S33	2114	(ceramic near2 matrix near2 composite)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 13:50
S34	1116	S33 and (fugitive core hollow annular mandrel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 13:51
S35	678	S34 and (mold\$3 cast\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 13:51
S36	184	S35 and (turbine airfoil)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 13:51
S37	12	("4580524" "5211999" "5304031" "5306554" "5306565" "5391428" "5488017" "5552215" "5553455" "5601674" "5639531" "6514046").PN. OR ("6696144").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 14:08
S38	24	("3044499" "3112184" "3251403" "3430940" "3876384" "3948317" "3959865" "4071311" "4222434" "4347271" "4437217" "4539055" "4545429" "4582126" "4852645" "4966201" "5042565").PN. OR ("5881775").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 14:53
S39	22	S38 and (ceramic mold\$3 cast\$3 core fugitive hollow annular mandrel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 14:54
S40	24	S38 and (ceramic composite matrix mold\$3 cast\$3 core fugitive hollow annular mandrel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 14:54
S41	39	S31 not S32	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 15:31
S42	15221	ceramic and (airfoil turbine)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 15:32
S43	6048	S42 and (mold\$3 cast\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 15:32
S44	4159	S43 and (fugitive core hollow mandrel annular lost wax foam)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 15:33

EAST Search History

S45	177	S43 and (fugitive)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 15:33
S46	119	S45 and (machine machin\$3 grind\$3 sand\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 09:37
S47	1	(10/423528)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 16:24
S48	1	("10423528")	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 16:24
S49	1	("5894006").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 16:41
S50	22	("3981688" "4284121" "4561491" "4572273" "4798237" "5067548" "5126529" "5173229" "5256179" "5296308" "5394932" "5404930" "5455078" "5465780" "5611670" "5645781" "5690759" "5697418" "5738819" "6374898" "6422920").PN. OR ("6588484"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 09:37
S51	16	S50 and (machine machin\$3 grind\$3 sand\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 10:05
S52	9	("5639531" "2477375" "5062767" "5439627" "5881775" "5887332" "6451416" "6514046").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 10:08
S53	7	S52 and (machin\$4 grind\$4 sand\$4 sandblast\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 10:08
S54	7	S52 and (machin\$4 grind\$4 sand\$4 sandblast\$3 thickness)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 10:10
S55	0	S54 not S52	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 10:09
S56	2	S52 not S54	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 10:09
S57	12	("4580524" "5211999" "5304031" "5306565" "5391428" "5552215" "5553455" "5639531").PN. OR ("6451416"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 10:18

EAST Search History

S58	8	S57 and (mold\$3 cast\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 10:24
S59	1	("6384365").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 10:24
S60	2	(2002/0178900)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 10:25
S61	1	("20020178900")	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 10:26
S62	1	("20030207155" "2003022386")	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 10:28
S63	2	("6733907" "6709230").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 10:29
S64	2	S63 and (mold\$3 cast\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 10:42
S65	390	((244/123.1,123.14)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 10:42
S67	14	S65 and ceramic	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 10:43
S68	2338	((264/162,317,635,636)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 11:53
S69	430	S68 and (ceramic)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 11:53
S70	344	S69 and (cast\$3 mold\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 11:54
S71	1137	(264/162).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 11:55
S72	127	S71 and (ceramic)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 11:55
S73	56	S72 and (cast\$3 mold\$3) and (core hollow mandrel annular wax foam)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 11:55

EAST Search History

S74	2116	(ceramic near2 matrix near2 composite)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 11:55
S75	1117	S74 and (fugitive core hollow annular mandrel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 11:55
S76	678	S75 and (mold\$3 cast\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 11:55
S77	184	S76 and (turbine airfoil)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 11:55
S78	279	S70 not (S73 S77)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 12:01
S79	231	S78 and (hollow annular core mandrel inner lost wax foam)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 12:09
S80	215	S79 and (treat\$3 machine machin\$3 grind\$3 thickness thick sand\$3 sandblast\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 12:10
S81	143	S79 and (machine machin\$3 grind\$3 sand\$3 sandblast\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 12:11
S82	7	("3917773" "4894194" "5028362" "5419860" "5627542" "5665440" "5948348").PN. OR ("6083452").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 07:40